Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3	("4380771"   "6074036"   "6179412").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 09:40
L3	2	("6520617").URPN.	USPAT	OR	ON	2007/07/31 09:47
L4	3	10/749816	USPAT	OR	ON	2007/07/31 09:52
L5	12	("3747120"   "4613875"   "5604521"   "5912689"   "5992974"   "6041600"   "6132028"   "6235212"   "6264307"   "6439695"   "6536874"   "6582059").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 09:47
L6	2	"7121646".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:52
L7	1	2005-511485.NRAN.	DERWENT	OR	ON	2007/07/31 09:52
S1	8	("6582059" "6536874" "6439695" "6264307" "6235212" "6041600" "4613875" "3747120").pn.	USPAT	OR	ON	2005/06/27 07:18
<b>52</b>	316	((nozzle planar) with (substrate plate layer)) same ((channel guide groove direct) with (clean maintenance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:45
S3	1420	347/22,33,36,4047.ccis.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:44
<b>S4</b>	5	S2 and S3 .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:44
<b>S5</b>	9921	((nozzle planar) with (substrate plate layer)) same ((ink liquid fluid) near8 (channel guide groove direct))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:50
S6	152	S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:46
<b>S7</b>	31688	(nozzle with (substrate plate layer)) same (geometr\$2 shape recess channel groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:51
S8	188	S3 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON ·	2005/06/27 07:51
S9	328952	(ink fluid liquid) with (spray contaminat\$3 excess\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:52

S10	117	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:54
S11	3522	347/47,54,56,71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:54
S12	1179	S7 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 07:55
S13	175	S9 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 08:12
S14	510	((nozzle oriface) with (geometr\$2 shape recess)) same capillary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 08:14
S15	17	S11 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 08:14
S16	6	("3466659"   "3774231"   "3887928"   "3958249"   "4349830").PN.	US-PGPUB; USPAT; USOCR	OR .	ON	2005/06/27 09:15
S17 ·	12	("4413268").URPN.	USPAT	OR	ON	2005/06/27 09:15
S18	6	("4059480"   "4066491"   "4276335"   "4403234"   "4413268"   "4549188").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 09:18
S19	34	("4728392").URPN.	USPAT	OR	ON	2005/06/27 10:37
S20	1454	347/100,106.ccls.	USPAT	OR	ON	2005/06/27 10:39
S21	652	(viscosity same tension) and S20	USPAT	OR	ON	2005/06/27 10:39
S22	4	("50" adj dynes) and ("40" adj centipolse)	USPAT	OR	ON	2005/06/27 10:38
S23	578	(viscosity with tension) and S20	USPAT	OR	ON	2005/06/27 10:39
S24	302	347/106.ccls.	USPAT	OR	ON	2005/06/27 10:39
S25	66	(viscosity same tension) and S24	USPAT	OR	ON	2005/06/27 10:44
S26 S27	514 3522	(depth height) with ((nozzle oriface) same (geometr\$2 dimension)) 347/47,54,56,71.ccls.	USPAT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR OR	ON	2005/06/27 10:45 2005/06/27 10:45
S28	15	S27 and S26	USPAT	OR	ON	2005/06/27 10:45
S29	514	(depth height) with ((nozzle oriface) same (geometr\$2 dimension))	USPAT	OR	ON	2005/06/27 11:49
S30	3522	347/47,54,56,71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 11:49
S31	15	S30 and S29	USPAT	OR	ON	2005/06/27 11:49
S32	302	347/106.ccls.	USPAT	OR	ON	2005/06/27 12:19
S33	66	(viscosity same tension) and S32	USPAT	OR	ON	2005/06/27 12:19

624	22	600	1	T ==	T	
534	23	S33 and piezoelectric	USPAT	OR	ON	2005/06/27 12:19
S35	3	(("4,358,781") or ("4,459,601") or ("5,757,391")).PN.	USPAT	OR	OFF	2006/03/03 10:22
S36	0	("58283946132028").PN.	USPAT	OR	OFF	2006/03/03 10:23
S37	2	(("5828394") or ("6132028")).PN.	USPAT	OR	OFF	2006/03/03 10:23
S38	4	("4413268"   "5487483"   "5595785"   "5786832").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:25
S39	149	(capillary with (channel groove conduit)) same (nozzie near4 plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:33
S40	900	347/22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:26
S41	1827	3 <del>4</del> 7/47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:32
S42	551	347/45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:26
S43	18	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:32
S44	2	("3776461"   "5381169").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:27
S45	15	S39 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:28
S46	10	("4542389"   "4550326"   "4578687"   "4646110"   "4914562"   "4914736"   "4980703"   "4994825"   "5198834"   "5374948").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:29
S47		S39 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:32
S48	10319	(channel groove conduit) same (nozzle near4 plate) .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:33
S49	5707	(channel groove conduit) with (nozzle near4 plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:35

S50	300	S41 and S48 .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	ON	2006/03/03 10:34
S51	233	S41 and S49	IBM_TDB  US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:34
S52	2573	(channel groove conduit) with (nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:35
S53	65241	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:35
S54	1185	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:35
S55	2	(channel groove conduit) with (maintenance) with (nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:36
S56	2	((channel groove conduit) with maintenance) with (nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:36
S57	4	((channel groove conduit) with maintenance) same(nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:38
S58	104	((channel groove conduit) with capillary) same(nozzle adj plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:38
S59	82	S53 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:38
S60	1446	347/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 11:03
S61	636	347/47.ccls.	USPAT	OR	ON	2006/03/03 11:04
S62	554	S61 not silverbrook.in.	USPAT	OR	ON	2006/03/03 12:31
S63	636	347/47.ccls.	USPAT	OR	ON	2006/03/03 12:31
S64	184	(S63 not silverbrook.in.) and (nozzle with shape)	USPAT	OR	ON	2006/03/03 12:32

S65	9	("3167489"   "3329588"   "3461045"   "3607674"   "3704175").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:36
S66	4	("4290857").URPN.	USPAT	OR	ON	2006/03/03 12:36
S67	6	("4255237"   "4290857"   "4417946"   "4422905"   "4513298"   "4558333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:38
S68	31	("4716423").URPN.	USPAT	OR	ON	2006/03/03 12:39
S69	11	("4368476"   "4694308"   "4716423"   "4723129"   "4740796"   "5262802"   "5300959"   "5443687"   "5697144"   "6402304"   "6523938").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:40
S70	2	("4513298"   "4558333").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:43
571	27	("4694308").URPN.	USPAT	OR	ON	2006/03/03 12:43
S72	12	("4413268").URPN.	USPAT	OR	ON	2006/03/03 12:51
573	6	("3466659"   "3774231"   "3887928"   "3958249"   "4349830").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:15
S74	937	347/44	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:16
S75	551	347/45	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:15
S76	1827	347/47	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:15
S77	104	S74 and S75 and S76	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:16
S78	937	347/44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:16
S79	551	347/45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:16
S80	1827	347/47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:16
S81	104	S78 and S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:19
S82	497	347/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:37
S83	6865	((nozzle oriface) near3 (plate substrate layer)) with (conduit channel recess groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:38

		LAST Search History				
S84	65241	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:38
S85	2406	S83 and S84	US-PGPUB; 'USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:38
S86	2988	((nozzle oriface) adj (plate substrate layer)) with (conduit channel recess groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:41
S87	1324	S84 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:39
S88	352	(((nozzle oriface) adj (plate substrate layer)) with (conduit channel recess groove)) same (shape geometry)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:41
S89	146	S84 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:41
S90	24	(US-20030081069-\$ or US-20050140747-\$ or US-20040141031-\$ or US-20040145621-\$).did. or (US-4550326-\$ or US-6132028-\$ or US-4413268-\$ or US-5790151-\$ or US-4962391-\$ or US-5940096-\$ or US-4290857-\$ or US-4716423-\$ or US-4422082-\$ or US-6305792-\$ or US-6039438-\$ or US-5853861-\$ or US-6536879-\$ or US-4021252-\$ or US-6527369-\$ or US-6685301-\$ or US-4786288-\$ or US-4728392-\$).did. or (JP-02004515-\$ or JP-61287756-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/03/03 13:54
S91	481	347/67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:14
S92	15625	nozzie adj plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:14
S93	127	S91 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:14
S94	514	(nozzle adj plate) with specific\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:19
595	256	S84 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:15

S96	215	(nozzle adj plate) same ((surround\$3 encompass\$3) with (channel groove moat recess))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON .	2006/03/03 14:20
S97	261	((nozzle oriface) adj (substrate plate)) same ((surround\$3 encompass\$3) with (channel groove moat recess))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 14:21
S98	18	(US-20040141031-\$ or US-20050140747-\$ or US-20040145621-\$).did. or (US-6305792-\$ or US-5940096-\$ or US-4422082-\$ or US-639438-\$ or US-5853861-\$ or US-4786288-\$ or US-4716423-\$ or US-4550326-\$ or US-4413268-\$ or US-4728392-\$ or US-6132028-\$ or US-4962391-\$ or US-4021252-\$ or US-6527369-\$).did. or (JP-02004515-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/03/06 07:58
S99	3	"4422082".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 07:54
S10 0	1	1982-F7677E.NRAN.	DERWENT	OR	ON	2006/03/06 07:55
S10 1	5146	347/22-35,47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:53
S10 2	44	((nozzle oriface) adj (plate substrate)) same ((channel recess trough) with (wick\$3 with (liquid ink fluid)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:56
S10 3	14	S101 and S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:55
510 4	3647	((nozzle oriface) adj (plate substrate)) same (channel recess trough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:57
S10 5	. 269	S101 and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:57
S10 6	2174	((nozzle oriface) adj (plate substrate)) with (channel recess trough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:19
S10 7	147	S101 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:57
S10 8	63	S107 and (capillary wick\$3 vacuum)	US-PGPUB; USPAT; USOCR; -EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:58

S10 9	11	("4157935"   "4246076"   "4312009"   "4317124"   "4450455"   "4502054"   "4587534"   "4593296"   "4640382"   "4644126"   "4694548").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 09:00
S11 0	34	("5189437").URPN.	USPAT	OR	ON	2006/03/06 09:02
S11 1	56	(vacuum and wick\$3) near3 (channel recess groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:05
S11 2	65241	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:04
S11 3	65241	S112 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:04
S11 4	6	S111 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:04
S11 5	6	(vacuum same wick\$3) with ((channel recess groove) same (maintenance clean\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:05
S11 6	4	S112 and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:06
S11 7	718	347/30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:06
S11 8	160	347/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ÓN	2006/03/06 10:07
S11 9	373	347/32.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:07
S12 0	3	\20 and S118 and S119 .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:07
S12 1	3	S117 and S118 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:07

S12 2	3	("5055856"   "5867187"   "5898444").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:16
S12 3	1	S122 and ((vacuum suction) and wip\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:17
S12 4	5	("3787148"   "4363609"   "5260724"   "5309180"   "5517219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 10:18
S12 5	. 1172	((nozzle oriface) adj (plate substrate)) with (silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:2:
S12 6	768	S112 and S125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:1
S12 7	1446	347/47.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:20
S12 8	87	S125 and S127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:20
S12 9	194	(((nozzle oriface) adj (plate substrate)) with (silicon)) same (advantage benefit improvement superior)  •	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:2
S13 0	14	S127 and S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:2
S13 1	2	"20010024219"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/11 15:3
S13 2	20	(US-20010024219-\$ or US-20040141031-\$ or US-20050140747-\$ or US-20040145621-\$).did. or (US-4962391-\$ or US-6258286-\$ or US-6171875-\$ or US-6132028-\$ or US-4728392-\$ or US-4550326-\$ or US-4413268-\$ or US-5853861-\$ or US-4786288-\$ or US-4021252-\$ or US-6039438-\$ or US-422082-\$ or US-5898444-\$ or US-6273546-\$).did. or (JP-02004515-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/03/08 11:0
S13 3	2	S132 and (porous sponge)	US-PGPUB; USPAT; JPO	OR	ON	2007/03/08 11:0
S13 4	6	(vacuum same wick\$3) with ((channel recess groove) same (maintenance clean\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 12:4
S13 5	4245	347/47,54,56,71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/08 12:41

S13 6	135	("20010001452"   "20010001455"   "20010001456"   "20010001460"   "20010001474"   "3150442"   "3538744"   "3586933"   "3611071"   "3663194"	US-PGPUB; USPAT;	OR	ON	2007/03/08 12:42
		"3669881"   "3725186"   "3738759"   "3770405"   "3915652"   "3921961"	USOCR			
		"3940301"   "4007464"   "4056324"   "4092166"   "4209696"   "4356722"   "4366118"   "4369664"   "4403234"   "4437103"   "4459267"   "4480259"		i		
		"4489259"   "4490728"   "4590482"   "4593728"   "4683042"   "4708782"				
		"4728392"   "4733823"   "4842701"   "4879097"   "4891120"   "4908112"				
		"4983038"   "4999493"   "5015845"   "5110745"   "5126022"   "5132012"   "5162650"   "5180480"   "5182366"   "5245185"   "5269900"   "5283036"				
.		"5294426"   "5296114"   "5296375"   "5302533"   "5304487"   "5306621"				
ŀ		"5316680"   "5328578"   "5331159"   "5332481"   "5334310"   "5338427"				
		"5349186"   "5374834"   "5376252"   "5387329"   "5401376"   "5401963"   "5415841"   "5421980"   "5423964"   "5427946"   "5429734"   "5431807"				
1		"5445324"   "5453185"   "5481110"   "5486335"   "5493115"   "5495108"	ļ			
		"5498392"   "5501883"   "5501893"   "5505832"   "5512131"   "5512451"   "5523566"   "5536939"   "5541408"   "5563639"   "5572023"   "5608217"				
1		"5640010"   "5641400"   "5644131"   "5647979"   "5652427"   "5705813"				
		"5716825"   "5747815"   "5750988"   "5779868"   "5789746"   "5800692"	:			
1		"5804022"   "5856082"   "5872010"   "5876957"   "5877495"   "5917184"     "5917185"   "5969351"   "5969353"   "5972187"   "5993633"   "5994696"			-	
		"6005245"   "6007775"   "6032876"   "6060705"   "6066848").PN. OR ("6068749"			İ	
1		"6110343"   "6114693"   "6171875"   "6245227"   "6394942"   "6417510"				
S13	584	"6454938"   "6563111"   "6569324").PN. (depth height) with ((nozzle oriface) same (geometr\$2 dimension))	USPAT	OR	ON	2007/03/08 13:10
7 S13	17	S135 and S137	USPAT	OR	ON	2007/03/08 13:10
8						
S13	15	("3747120"   "4413268"   "4613875"   "5745129"   "6041600"   "6132028"	US-PGPUB;	OR	ON	2007/03/08 13:10
9		"6139136"   "6235212"   "6254219"   "6264307"   "6439695"   "6511156"     "6536874"   "6582059"   "6957882").PN.	USPAT; USOCR			
S14	1594	347/47.ccls.	US-PGPUB;	OR	ON	2007/07/30 11:45
0			USPAT;	•••	"	=====================================
		•	USOCR;			
1			EPO; JPO; DERWENT;	i		
			IBM_TDB	1		Ì
514	1594	347/47.ccls.	US-PGPUB;	OR	ON	2007/07/30 12:48
1			USPAT;			
			USOCR; EPO; JPO;			
			DERWENT;			
			IBM_TDB			
S14 2	4693	347/40-45.ccls.	US-PGPUB;	OR	ON	2007/07/30 12:48
2			USPAT; USOCR;			
			EPO; JPO;			
ı			DERWENT;			
514	70	((Jahn with hottown) (andward with hith) () with hottown (of here)	IBM_TDB	00	0	2007/07/20 45 55
S14 3	72	((john with batterton) (andreas with bibl) (paul with hoisington) (steven with barss)) and spectra.as.	US-PGPUB; USPAT;	OR	ON	2007/07/30 12:52
·		,	USOCR;			
			EPO; JPO;			
			DERWENT; IBM_TDB			
S14	72	((john with batterton) (andreas with bibl) (paul with hoisington) (steven with barss)).	US-PGPUB;	OR	ON	2007/07/30 12:59
4		in. and spectra.as.	USPAT;		0.1	2007/07/30 12:3:
			USOCR;			
- 1		·	EPO; JPO; DERWENT;			+
}			IBM_TDB			
S14	0	(nozzle inlet outlet substrate radial surface below plane channel).clm.	US-PGPUB;	AND	ON	2007/07/30 13:0:
5		·	USPAT; USOCR;			
ł			EPO; JPO;			
İ			DERWENT;			
.			IBM_TDB			
S14	72124	"347"/\$.ccls.	US-PGPUB; USPAT;	AND	ON	2007/07/30 13:0:
6			USOCR;	1		
0			EPO; JPO; DERWENT;			

					,	
S14 7	0	(nozzle inlet outlet substrate radial surface plane channel).cim.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:01
S14 8	4	(nozzle inlet outlet substrate radial surface channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:03
S14 9	5	(nozzle inlet outlet substrate radial channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:03
S15 0	1	S149 not S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:03
S15 1	26	(nozzle substrate radial channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:06
S15 2	21	S151 not S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:03
S15 3	26	((nozzle or oriface) substrate radial channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:07
\$15 4	0	S153 not S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:07
S15 5	1184	((nozzle or oriface) radial channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:07
S15 6	20	S146 and S155	US-PGPUB; USPAT; USPCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/30 13:09
S15 7	1594	347/47.ccls.	US-PGPUB; US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 13:25
S15 8	69	(geoffrey with mruk).xa.	USPAT	OR	ON	2007/07/30 13:25
S15 9	28	S158 and electrode.clm.	USPAT	OR	ON	2007/07/30 13:26